



INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR02/02482

A. CLASSIFICATION OF SUBJECT MATTER IPC7 H04L 12/20 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7 H04L 12/20 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975 KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,999,518 A (ALCATEL) 7 DECEMBER 1999 See the whole document	1
A	KR 1999-021917 (BellSouth co. Ltd) 25 MARCH 1999 Abstract, claim 1	1 - 7
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer SHIN, Sung Kil Telephone No. 82-42-481-5688 

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TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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